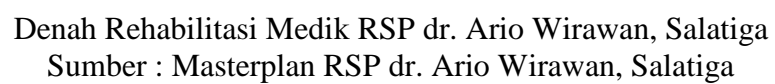
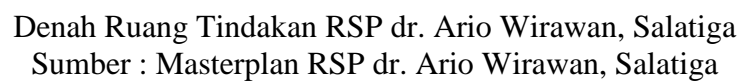
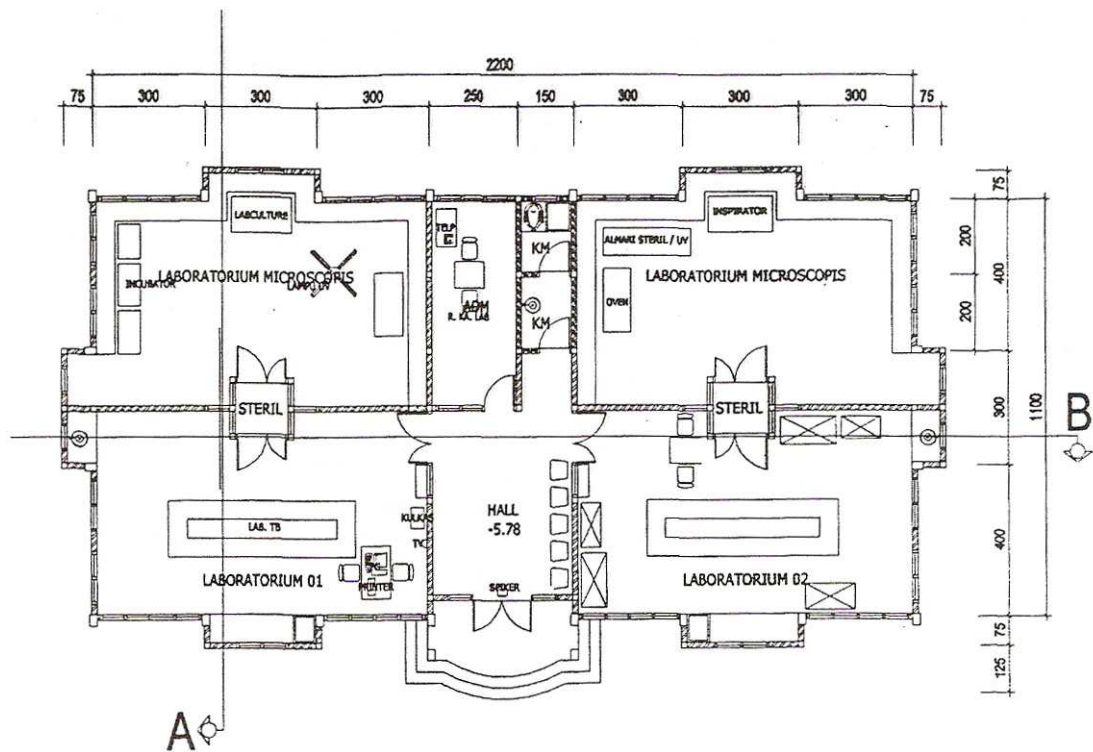


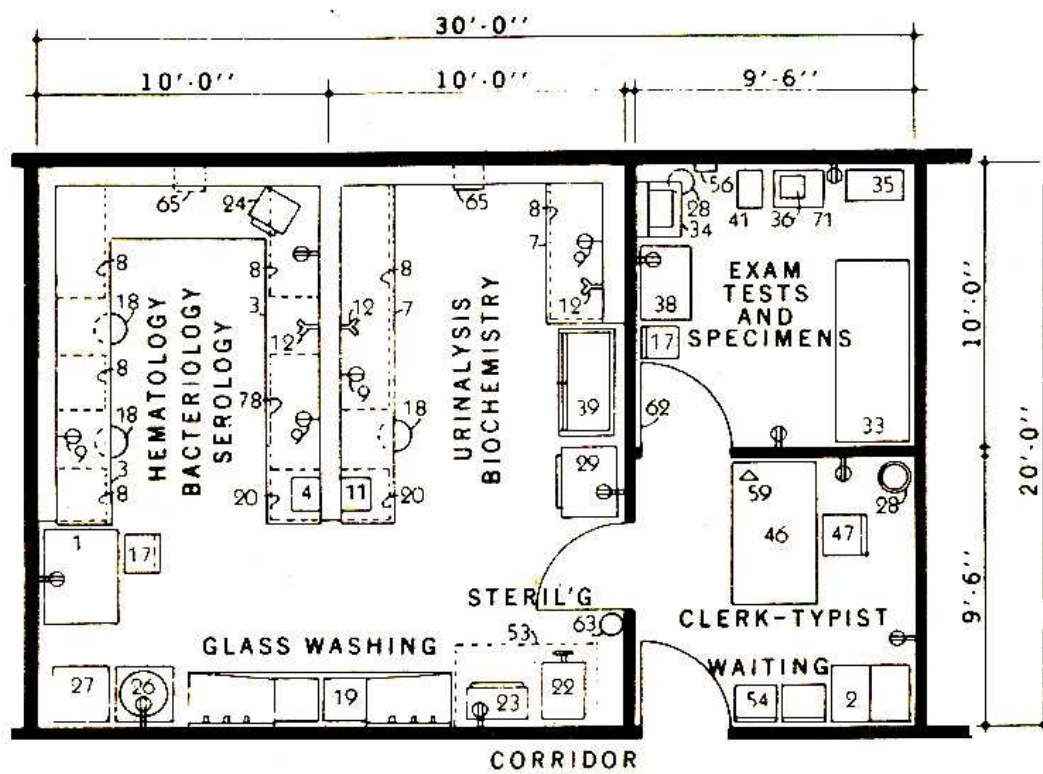
Penghawaan di Ruang Isolasi

Sumber : Airbone Infection Iso;ation rooms

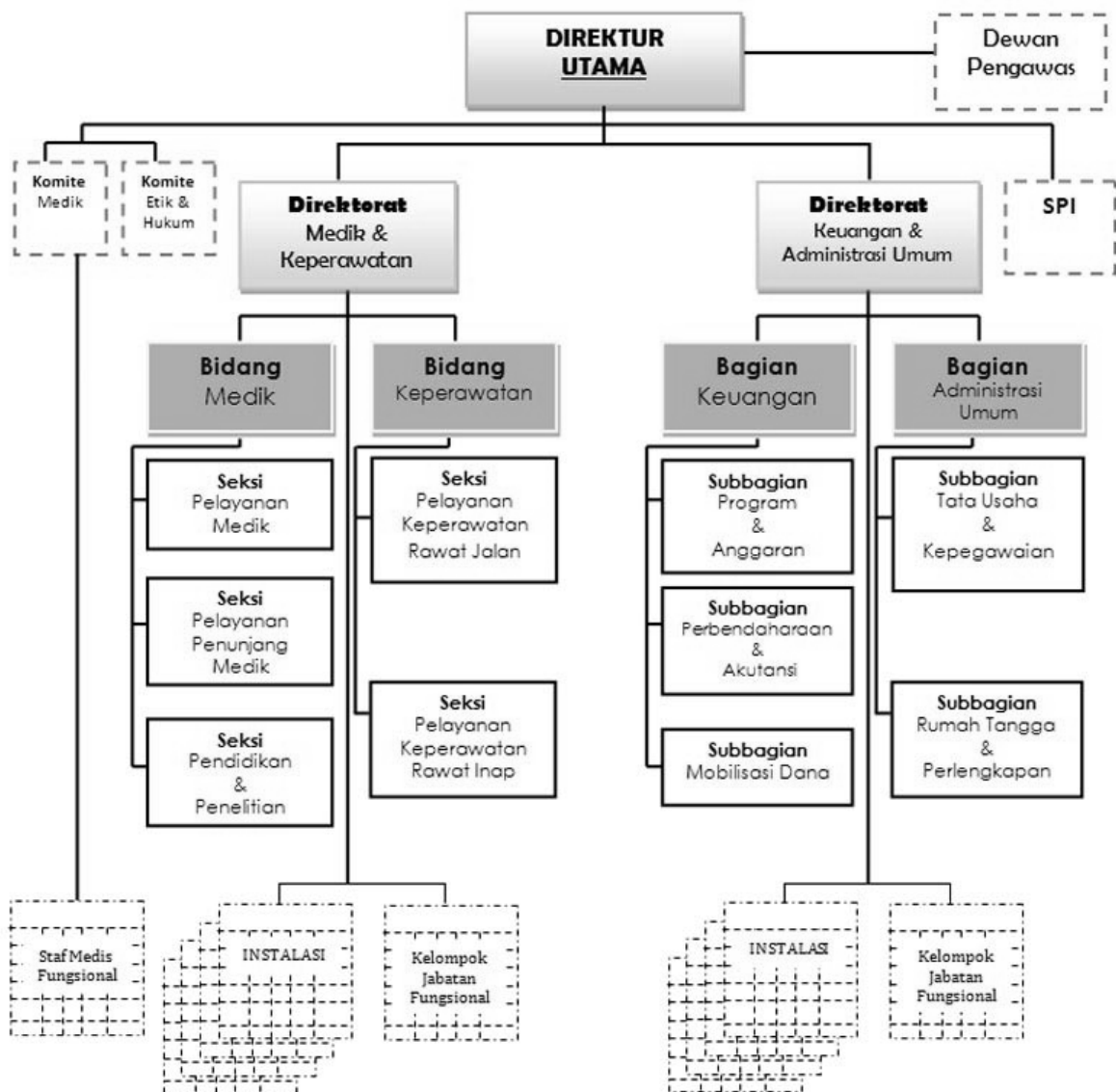




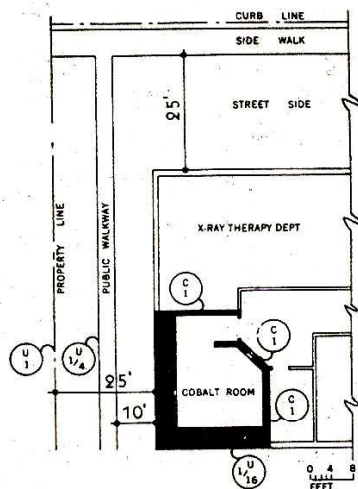
Denah Laboratorium RSP dr. Ario Wirawan, Salatiga
 Sumber : Masterplan RSP dr. Ario Wirawan, Salatiga



Denah Laboratorium
 Sumber ; Times Saver Standard for Building Types



Struktur Organisasi RSP dr.Ario Wirawan, Salatiga
 Sumber : Masterplan RSP dr. Ario Wirawan, Salatiga



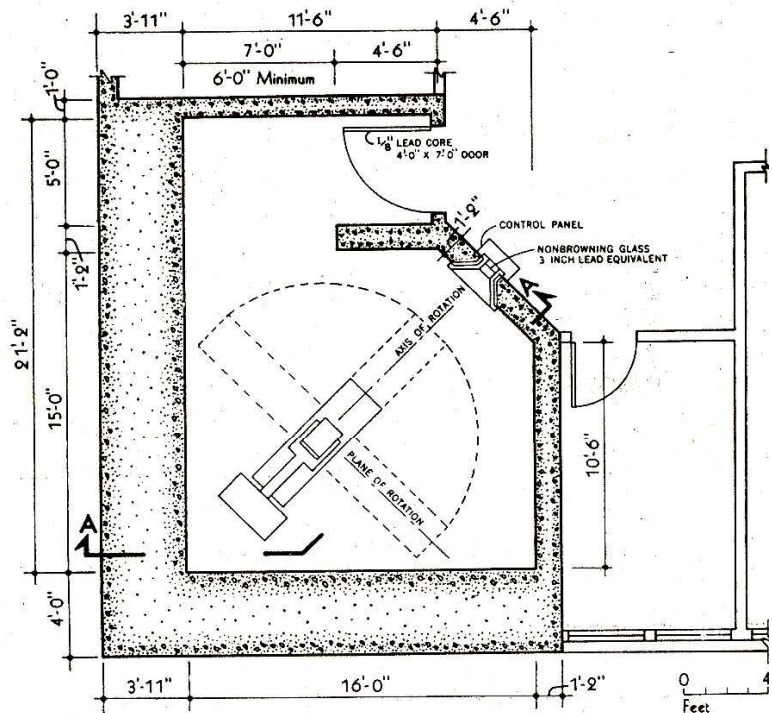
Location Plan (Above Grade)

SYMBOLS

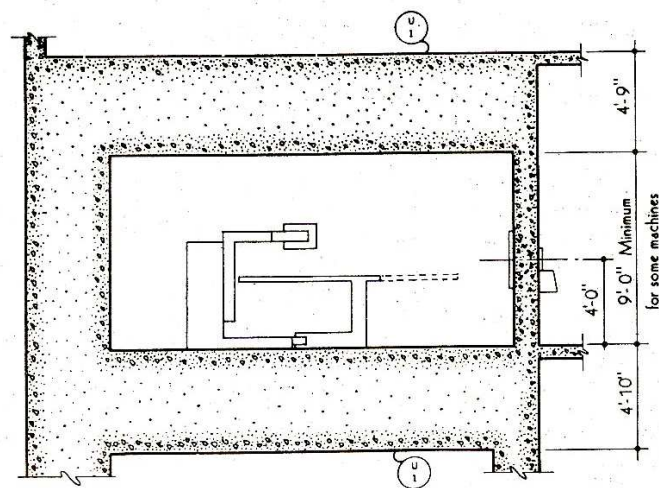
- Full Occupancy Controlled
- Full Occupancy Uncontrolled
- Partial Occupancy Uncontrolled
- Occasional Occupancy Uncontrolled

For Design Requirements see previous page.

A primary beam absorber on a machine reduces the shielding requirements considerably. However, some radiologists prefer to use a machine without the absorber, because of its greater flexibility, and for this reason some machines are designed to be used with or without the absorber. Under these conditions the room shielding should be designed for use either way. The plan and section shown here illustrate the necessary shielding.



Plan of Cobalt 60 Room



Section AA

Ruang Radiologi
Sumber ; Times Saver Standard for Building Types

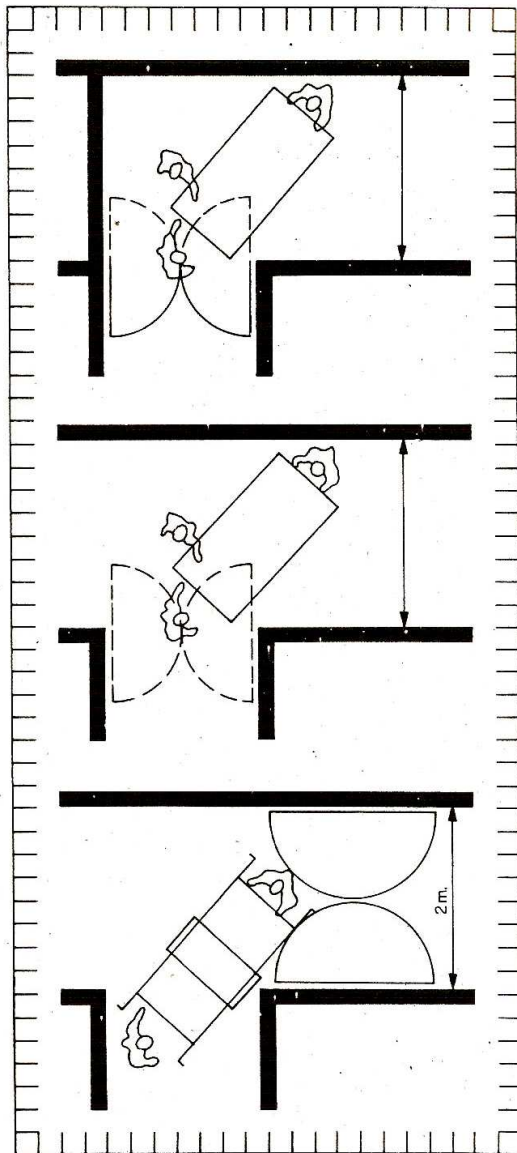


Fig. 1.15 Beds moving diagonally.

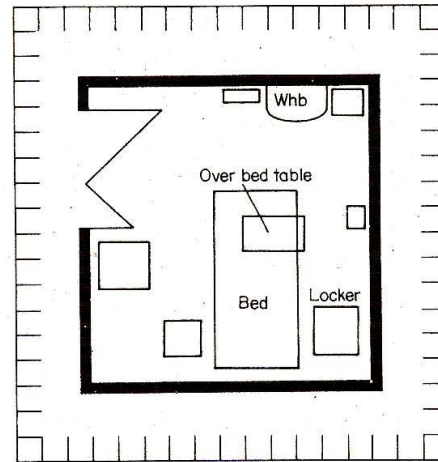


Fig. 1.16 Single bedroom.

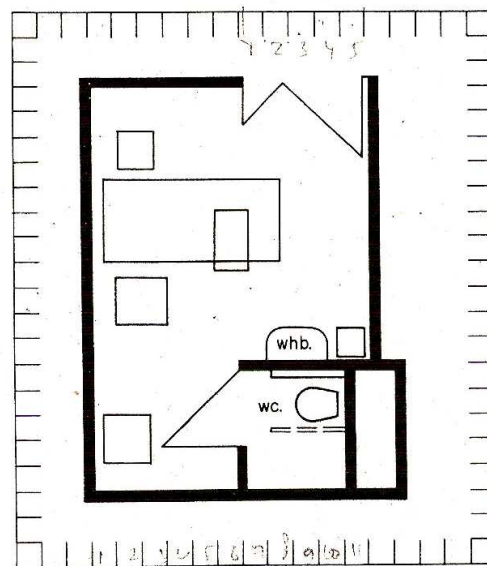


Fig. 1.17 Single-bed ward. WC en suite.

Koridor dan ruang rawat inap pada rumah sakit
Sumber ; Planning Building for Health, Welfare, and Religion

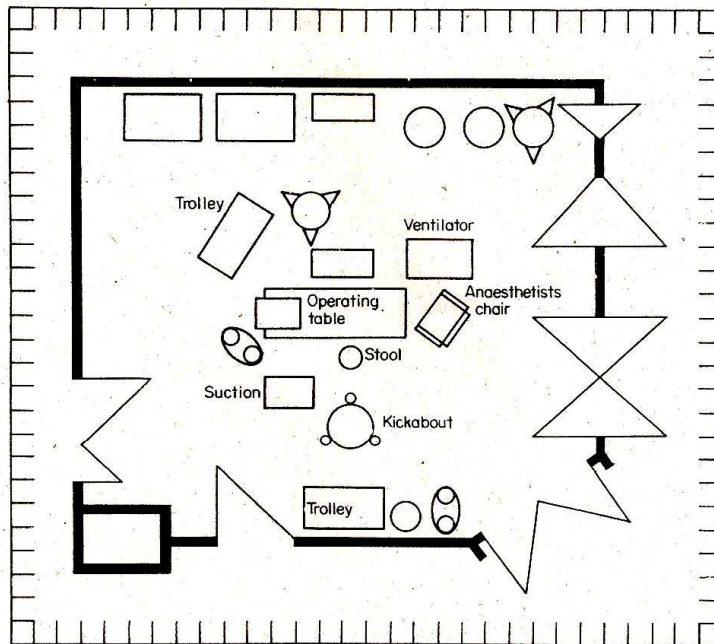


Fig. 1.27 Operating department. Theatre.

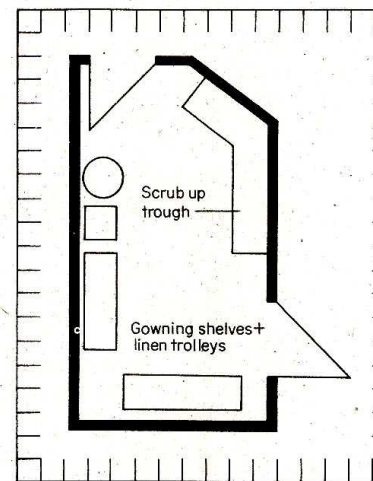


Fig. 1.28 Operating department. Scrub-up room.

Fig. 1.29 (right) Operating department. Anaesthetic room.

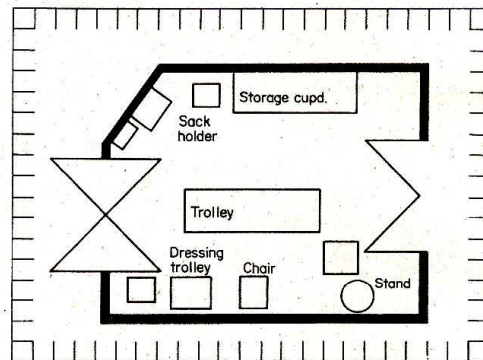
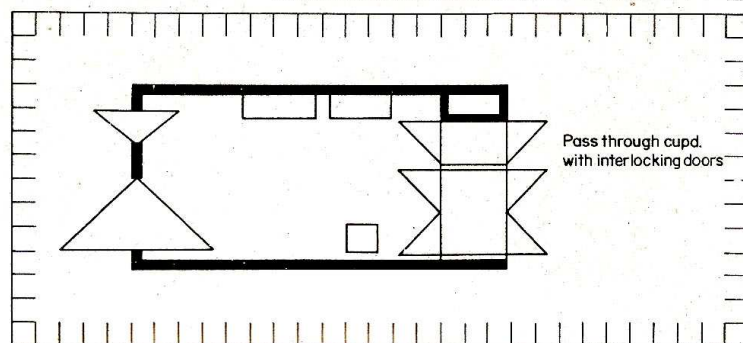


Fig. 1.30 Operating department. Sterile supply room with pass through cupboard.



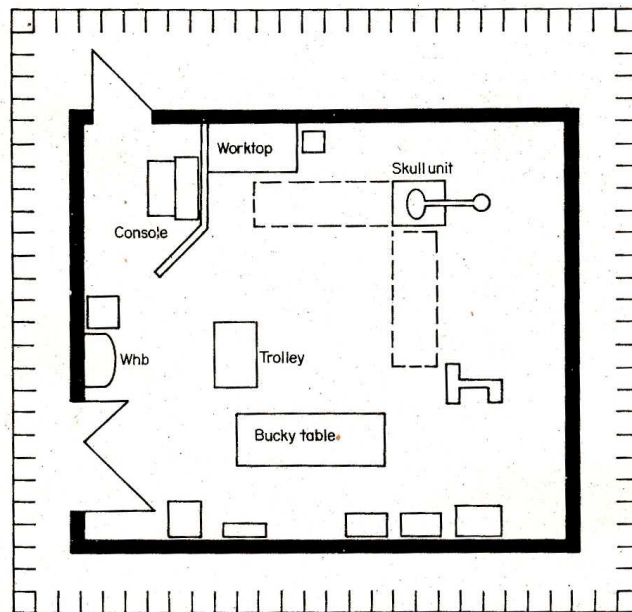


Fig. 1.31 X-ray room. Accident and general purpose room with skull unit. Points to note are:
 Increased ceiling height to accommodate tube stands.
 Weight of equipment which may be floor/ceiling mounted.
 Need for radiation protection to walls.
 Special electrical earthing required for X-ray equipment.

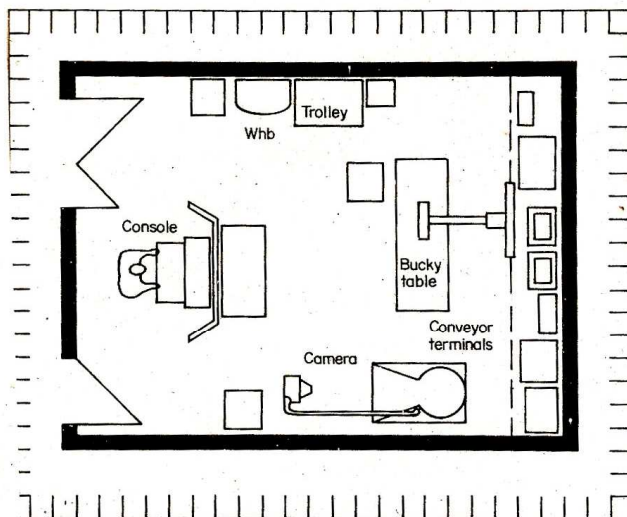


Fig. 1.32 X-ray department. General purpose room with miniature camera. Note special points as described in Fig. 1.31.

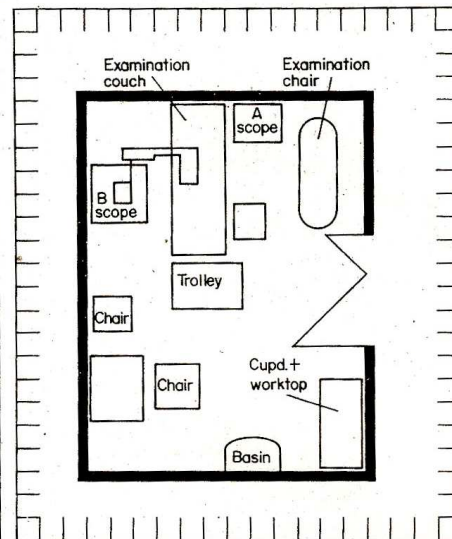


Fig. 1.33 X-ray department. Ultrasonics room. Radio activity is not involved in this technique and there are no special protection requirements.

Ruang Radiologi pada rumah sakit
 Sumber ; Planning Building for Health, Welfare, and Religion